

DATA COMMUNICATION METHOD

ABSTRACT

5 In a method of communicating a plurality of parallel data packets from a
first data parallel bus to a second parallel data bus, each of the plurality of parallel
data packets is separated into a first portion and a second portion. Each first
portion is converted into a first serial data stream and each second portion is
converted into a second serial data stream. The first serial data stream is
10 transmitted over a first serial data channel and the second serial data stream is
transmitted over a second serial data channel. The first serial data stream is
converted into a plurality of first received portions and the second serial data
stream is converted into a plurality of second received portions. Selected first
received portions are combined with corresponding selected second received
15 portions so as to regenerate the plurality of parallel data packets.